

FEB 05 2004
U.S. PATENT & TRADEMARK OFFICE

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(Use several sheets if necessary)</small>		Docket Number: 60126.0003US01	Application Number: 10/681,560
		Applicant: HUNG ET AL.	
		Filing Date: 10/08/2003	Group Art Unit: 1622 1623

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EN	4,168,112	09/18/1979	Ellis et al.	—	—	
EN	4,259,202	03/31/1981	Tanaka et al.	—	—	
EN	4,826,826	05/02/1989	Conti	—	—	
EN	4,885,168	12/05/1989	Hashimoto et al.	—	—	
EN	4,909,942	03/20/1990	Sato et al.	—	—	
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EN	5,057,542	10/15/1991	Leuba et al.	—	—	
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EN	5,409,731	04/25/1995	Nakagawa et al.	—	—	
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EN	5,589,591	12/31/1996	Lewis	—	—	
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EN	6,589,999	07/08/2003	Gurny et al.	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
EN	1229071	09/22/1999	CN <i>(Abstract only)</i>	—	—	Abstract Only	
	19857348	08/03/2000	DE <i>No Translation</i>	—	—	Abstract	

EXAMINER <i>E. White</i>	DATE CONSIDERED <i>5/19/2005</i>
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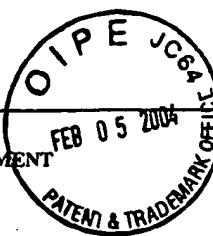
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						YES NO
✓	63169975 A	08/13/1988	JP			Abstract Only
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✓	1050014 A ✓	02/27/1989	JP			Abstract Only
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✓	1293314 A ✓	11/27/1989	JP			Abstract Only
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✓	5142502 ✓	06/11/1993	JP			Abstract Only
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✓	7223966 A ✓	08/22/1995	JP			Abstract Only
✓	7324014	12/12/1995	JP			Abstract Only
✓	WO 94/13774	06/23/1994	PCT			
✓	WO 96/20730	07/11/1996	PCT			
✓	WO 97/06782	02/27/1997	PCT			
✓	WO 99/40790	08/19/1999	PCT			
✓	WO 00/30609	06/02/2000	PCT			
✓	WO 02/09513 A2	02/07/2002	PCT			

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✓	Application Serial No. 07/986,959, Powell et al., "COMPOSITIONS AND METHODS FOR INHIBITING AND REDUCING LYSOZYME DEPOSITION ON HYDROPHILIC CONTACT LENSES." 27 pgs. (Filed: December 9, 1992).
✓	Brochure, "Limulus Amebocyte Lysate Endosafe KTA™, U.S. License No. 1197, Multi-Test Vial For Endotoxin (Pyrogen) Detection," <i>Charles River Endosafe</i> , 2 pgs., (Date Unknown).
✓	Brochure, "Amino acid based surfactant, Amisoft," <i>Munomoto</i> , 6 pgs. (Date Unknown).
✓	Brochure, "HAMPOSYL N-Acyl Sarcosinate Surfactants," <i>Hampshire, A Subsidiary of The Dow Chemical Company</i> , 30 pgs. (Date Unknown).
✓	Bough, W. et al., "Influence of Manufacturing Variables on the Characteristics and Effectiveness of Chitosan Products. II. Coagulation of Activated Sludge Suspensions," <i>Biotechnology and Bioengineering</i> , Vol. XX, No. 12, pp. 1945-1955 (December 1978).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>EW</i>		Davydova, V. et al., "Interaction of Bacterial Endotoxins with Chitosan. Effect of Endotoxin Structure, Chitosan Molecular Mass, and Ionic Strength of the Solution on the Formation of the Complex," <i>Biochemistry</i> , Vol. 65, No. 9, pp. 1082-1090 (2000).	
<i>EW</i>		Felt, O. et al., "Topical use of chitosan in ophthalmology: tolerance assessment and evaluation of precorneal retention," <i>International Journal of Pharmaceutics</i> , Vol. 180, pp. 185-193 (1999).	
<i>EW</i>		Felt, O. et al., "Chitosan as Tear Substitute: A Wetting Agent Endowed with Antimicrobial Efficacy," <i>Journal of Ocular Pharmacology And Therapeutics</i> , Vol. 16, No. 3, pp. 261-270 (2000).	
<i>EW</i>		Felt, O. et al., "Delivery of Antibiotics to the Eye Using a Positively Charged Polysaccharide as Vehicle," <i>AAPS Pharmaceutical</i> , http://www.pharmsci.org/scientificjournals/pharmsci/journal/01_34.html , Article 34, 9 pgs. (2001).	
<i>EW</i>		Hirano, S. et al., "Selective N-acylation of chitosan*," <i>Carbohydrate Research</i> , Vol. 47, pp. 315-320 (1976).	
<i>EW</i>		Kristiansen, A. et al., "The interactions between highly de-N-acetylated chitosans and lysozyme from chicken egg white studied by ¹ H-NMR spectroscopy," <i>Eur. J. Biochem.</i> , Vol. 251, pp. 335-342 (1997).	
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<i>EW</i>		Kurita, K. et al., "Studies on Chitin, 3*). Preparation of Pure Chitin, Poly(N-acetyl-D-glucosamine), from the Water-Soluble Chitin," <i>Makromol. Chem.</i> , Vol. 178, pp. 2595-2602 (1977).	
<i>EW</i>		Kurita, K. et al., "Solubilization of a Rigid Polysaccharide: Controlled Partial N-Acetylation of Chitosan to Develop Solubility," <i>Carbohydrate Polymers</i> , Vol. 16, pp. 83-92 (1991).	
<i>EW</i>		LeHoux, J. et al., "Some Effects of Chitosan on Liver Function in the Rat*," <i>Endocrinology</i> , Vol. 132, No. 3, pp. 1078-1084 (1993).	
<i>EW</i>		Sannan, T. et al., "Studies on Chitin, 2*), Effect of Deacetylation on Solubility," <i>Makromol. Chem.</i> , Vol. 177, pp. 3589-3600 (1976).	
<i>No Translation Provided</i>		Schorigin, P. et al., "Über die Acetylierung des Chitins (Vorläufig. Mitteil.)." <i>Aus. d. Organ. Laborat. d. Wissenschaftl. Instituts für Kunstseide, Moskau</i> , 3 pgs. (1935).	
<i>EW</i>		Wu, A. et al., "Influence of Manufacturing Variables on the Characteristics and Effectiveness of Chitosan Products. III. Coagulation of Cheese Whey Solids," <i>Biotechnology and Bioengineering</i> , Vol. XX, No. 12, pp. 1957-1966 (December 1978).	

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